

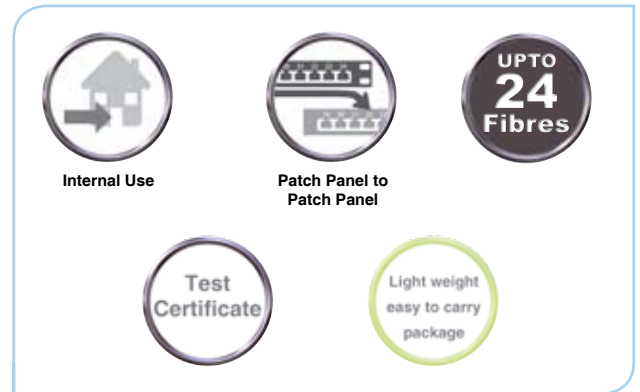
Multifibre FirstLight Classix Base Cable Assemblies

The FirstLight Classix Base factory made, quality controlled fibre optic assembly is specified for short internal optical links. The 900µm tight buffer presentation lends itself to installation within a patch panel, wall box or Optical Distribution Frame (ODF).

Crush resistant protective tubing assures secure transportation and installation.

The high strength pulling element allows fast, safe and effective pulling.

The overall assembly and packing are light and compact, reducing transport cost and storage space. Installation waste is also reduced.



Features

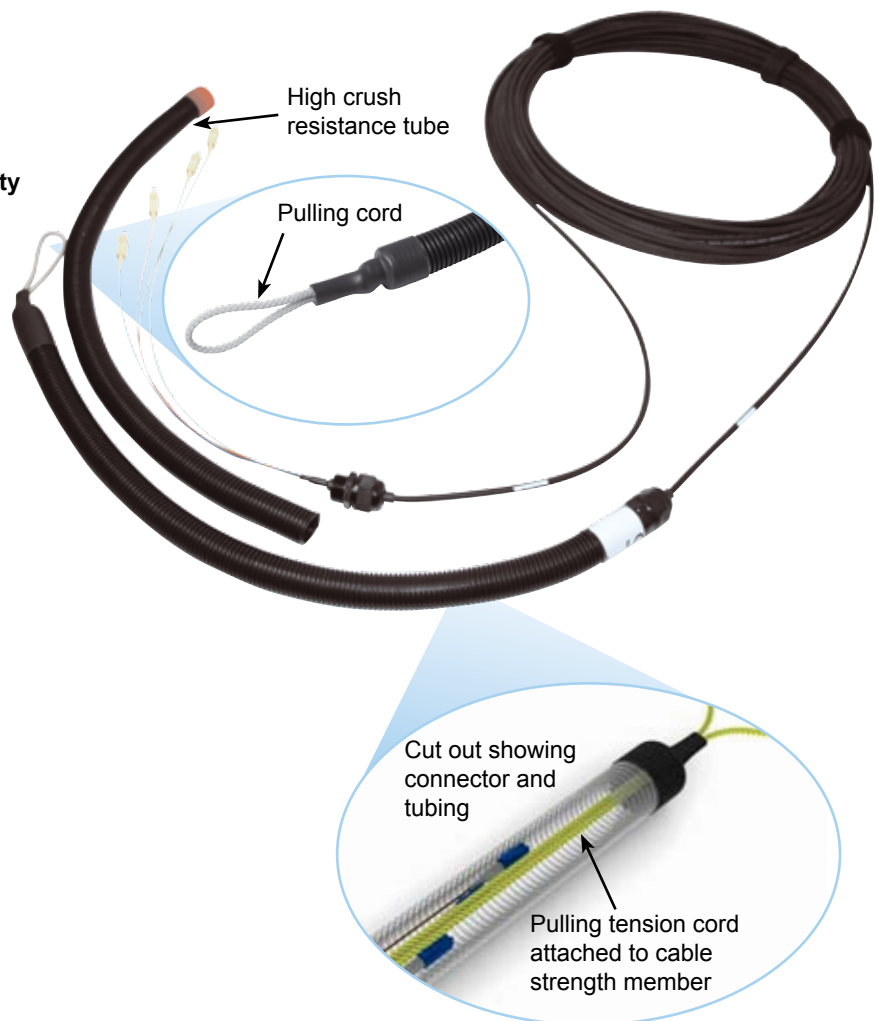
- ▶ Available in OM1, OM2 and OM3 fibre types
- ▶ Available with SC, LC, FC, ST connector types
- ▶ 2 - 24 core tight buffer cable with standard connectivity
- ▶ Fast installation plug and play system
- ▶ No splicing or connector termination required

Benefits

- ▶ High crush resistance robust protection tube
- ▶ High tensile strength pulling element
- ▶ Economical, light and compact assembly
- ▶ Low waste packaging
- ▶ Simplified test certificate
- ▶ Installation guide supplied

Applications

- ▶ Internal horizontal and backbone cabling
- ▶ Ideal for data centre use



Technical Drawing

Core count ≤ 12 cores

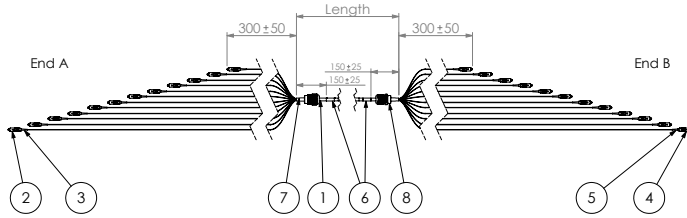
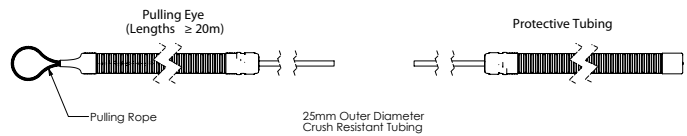
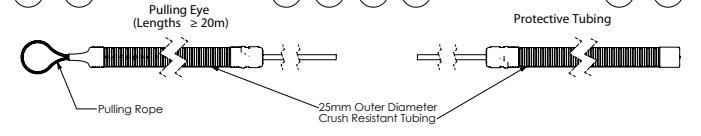
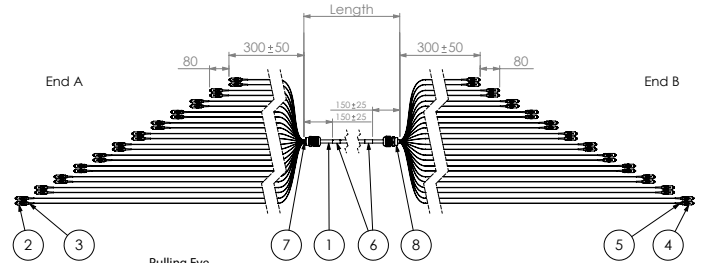


Diagram for illustration only. See Sheet 3 for tail cut lengths.



- | | |
|--------------------------------------|---------------------------------|
| 1 Tight Buffered Cable (4 - 24 core) | 5 Connector 900 µm Boot - End B |
| 2 Connector - End A | 6 Serial Number Label |
| 3 Connector 900 µm Boot - End A | 7 Split Retainer |
| 4 Connector - End B | 8 Gland |

Core count ≥ 12 cores



Technical Specification

| Specification | Value |
|-----------------------|--|
| Fibre grade | OS1/OS2, G.657A, OM1, OM2, OM3, OM4 (ISO/IEC 60793) |
| Cable specification | Tight bufer 4, 8, 12 and 24 cores (ISO/IEC 60794) Max OD 24 cores 8.5 ± 0.3 mm |
| Connectors | IEC 61753, IEC 61754, IEC 61755 |
| Pulling element | a) No pulling element: length ≤ 20mtr b) A side pulling element: length ≥ 20 mtr |
| Packaging | Length ≤ 100 Coil in heavy duty polymer bag EU pallet compatible box Length ≥ 100 Drum |
| Operating Temperature | -20 ~ +60°C |
| Storage Temperature | -40 ~ +70°C |

Part Number Generator

| PRE | Terminated Fibre Count | Connector A (Pulling Eye) | Connector B (Apply If End A ≠ B) | Fibre Type | Cable Construction | Length (Mtr) | BASE/Z |
|-----|------------------------|---------------------------|----------------------------------|-------------|----------------------|----------------------|--------|
| | 02 | SC | Open end (XX) | 62 (OM1) | TB (Tight Buffer) | Gland to Gland | |
| | 04 | SCA (SC/APC) | SC | 50 (OM2) | | | |
| | 06 | LC | SCA (SC/APC) | OM3 (OM3) | | | |
| | 08 | LCA (LC/APC) | LC | OM4 (OM4) | | | |
| | 12 | FC | LCA (LC/APC) | 9 (OS1/OS2) | | | |
| | 16 | FCA (FC/APC) | FC | A1 (G657A) | | | |
| | 24 | ST | FCA (FC/APC) | | | | |
| | 48* | E2 (E2000) | ST | | | | |
| | | E2A (E2000 APC) | E2 (E2000) | | | | |
| | | | E2A (E2000 APC) | | | | |